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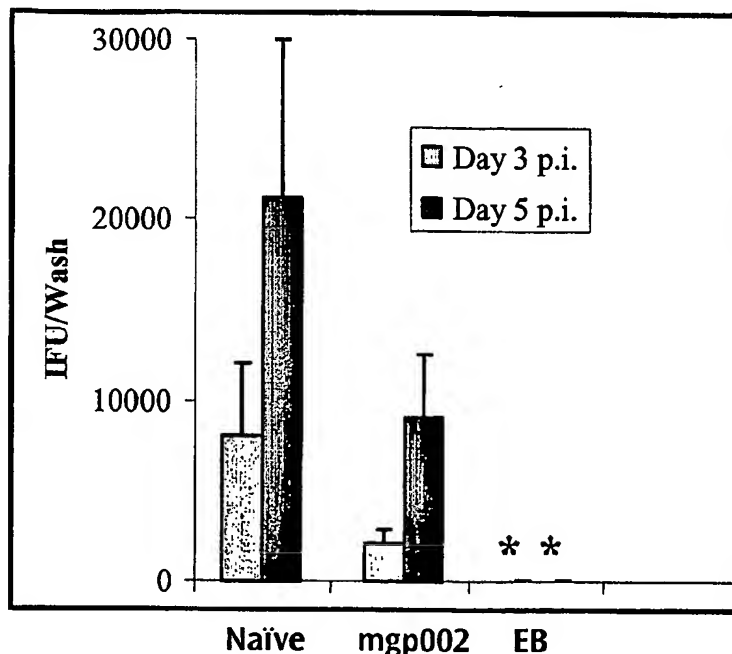
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(54) Title: IMMUNIZATION AGAINST *CHLAMYDIA* INFECTION

Protection from *C. trachomatis* Serovar D Challenge.



* Wilcoxon $p < .05$

(57) Abstract: The present invention provides nucleic acids, proteins and vectors for a method of nucleic acid, including DNA, immunization of a host, including humans, against disease caused by infection by a strain of *Chlamydia*, specifically *C. trachomatis*. The method employs a vector containing a nucleotide sequence encoding a Mgp002 polypeptide of a strain of *Chlamydia* operably linked to a promoter to effect expression of the gene product in the host. Truncated forms of the full-length Mgp002 gene are useful immunogens for protecting against disease caused by infection with *Chlamydia*. The invention further provides recombinant Mgp002 protein useful for protecting against disease caused by infection with *Chlamydia*.



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